EUROPEAN PATENT OFFICE

Pat nt Abstracts of Japan

PUBLICATION NUMBER : 09058393
PUBLICATION DATE : 04-03-97

APPLICATION DATE : 24-08-95
APPLICATION NUMBER : 07215614

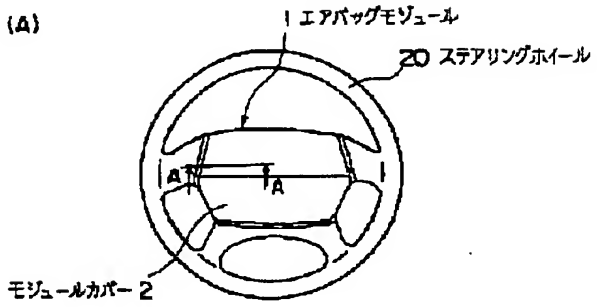
APPLICANT : BRIDGESTONE CORP;

INVENTOR : TERASAWA TOMOMASA;

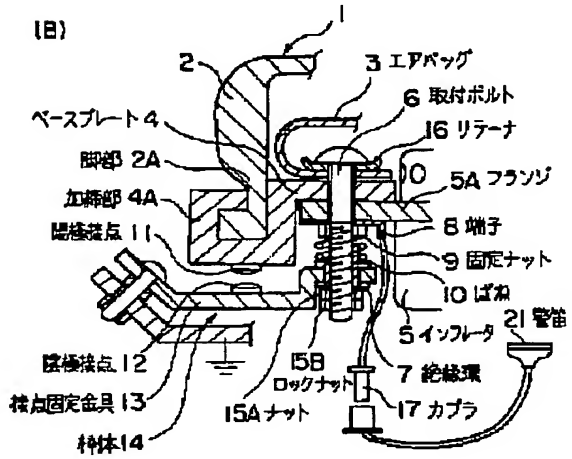
INT.CL. : B60R 21/20 B62D 1/04

TITLE : AIR BAG DEVICE

(A)



(B)



ABSTRACT : PROBLEM TO BE SOLVED: To make structure of an air bag device simple by providing a spring between a base plate and a frame body by fitting and inserting into a mounting bolt and providing a switch in which an alarm whistle acts due to the approach of the base plate to the frame body and improve operability by using a module cover as an alarm whistle button as it is.

SOLUTION: A spring 10 is provided between a base plate 4 and a frame body 14 by fitting and inserting a mounting bolt 6 which fixes an air bag 3 and an inflator 5 on base plate 4. Moreover, an anode contact 11 is provided in a lower end section of an additional tightening section 4A of the base plate A and a cathode contact 12 is provided in a contact fixing metal fitting 13. When a module cover 2 of a steering wheel 20 is pressed to blow an alarm whistle, the base plate 4 travels downward against the spring 10 and comes into contact with the contact fixing metal fitting 13 which is a part of the frame body 14 to close an alarm whistle switch circuit so that an alarm whistle 21 is blown. Thus, it is possible to provide an alarm whistle switch in an air bag module 1 easily by utilizing the mounting bolt 6.

COPYRIGHT: (C)1997,JPO